

Delivery Order Decision Document

On February 15 and 16, 2000, the evaluation team for the Magnetosphere Multiscale (MMS) Mission Study met and reviewed the proposals received from the Rapid II contract holders.

Delivery Order Description

This Delivery Order is for the Magnetospheric Multiscale (MMS) Mission Study which is an accommodation assessment to determine the range of suitable concepts. Of primary importance are fitting 5 spacecraft in a single launch vehicle fairing, methods of achieving mission objectives and cost. The studies will focus on meeting performance requirements, heritage, and price justification.

Six offers were submitted for this requirement. Those responses were reviewed as described in the Delivery Order request for offer. The six offers were from:

Ball Aerospace & Technologies, Inc.
Lockheed Martin Missiles and Space
Orbital Sciences Corp.
Surrey Satellite Technology Ltd.
Spectrum Astro, Inc.
TRW, Inc.

Evaluation Procedures

An evaluation team consisting of RSDO personnel and MMS team members conducted the evaluation of proposals. The evaluation team evaluated each proposal against the evaluation criteria identified in the RFO as follows:

- a) Suitability for the MMS Mission – NASA will evaluate the offeror's proposed approach and concept for accomplishing the activities reflected in the SOW and meeting the performance specifications and mission requirements. Any new heritage or availability, beyond that specified in the IDIQ contract, of spaceflight components, subsystem, and systems will also be evaluated.
- b) Price – The reasonableness of the proposed price shall be evaluated including consideration of the funding limitation of \$120K per delivery order.
- c) Past Performance – Any new relevant experience or past performance beyond that submitted in the RSA proposals will be examined.

Evaluation Team Members:

Leif Grotos
William Watson
Mary DiJoseph
Al Lieberman
John Durning

Evaluation Results

Ball – Ball's proposal was evaluated and determined to be acceptable. Ball demonstrated strength in their mission suitability and no major weaknesses. The Ball proposed price was considered to be fair and reasonable and there were no past performance concerns.

TRW – TRW’s proposal was evaluated and determined to be unacceptable. TRW received weaknesses that outweighed the strengths in mission suitability. The TRW proposed price was considered to be fair and reasonable and there were no past performance concerns.

Lockheed Martin – Lockheed Martin’s proposal was evaluated and determined to be unacceptable. Lockheed Martin received weaknesses in mission suitability. The Lockheed Martin proposed price was considered to be fair and reasonable and there were no past performance concerns.

Orbital – Orbital’s proposal was evaluated and determined to be acceptable. Orbital received strengths in mission suitability and no major weaknesses. The Orbital proposed price was considered to be fair and reasonable and there were no past performance concerns.

Spectrum Astro – Spectrum Astro’s proposal was evaluated and determined to be acceptable. Spectrum Astro received strengths in mission suitability and no major weaknesses. The Spectrum Astro proposed price was considered to be fair and reasonable and there were no past performance concerns.

Surrey - Surrey’s proposal was evaluated and determined to be acceptable. Surrey received strengths in mission suitability and no major weaknesses. The Surrey proposed price was considered to be fair and reasonable and there were no past performance concerns.

Decision

Based on the foregoing, I select Ball Aerospace, Orbital Sciences Corp., Surrey Satellite Technology Ltd., and Spectrum Astro, Inc. for receipt of Delivery Orders for the Rapid II MMS study. I therefore determine that, based on the evaluation team findings, that the four offers recommended for selection represent a fair and reasonable price to the Government.

W. James Adams
Chief, RSDO